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FORM PTO-1449	SERIAL NO. 09/923,760	CASE NO. 7814/45
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE August 7, 2001	GROUP ART UNIT 1045 164/
(use several sheets if necessary)		APPLICANT(S): Milan Mrksich et al.

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
MTC	A1	4,981,611	1/01/1991	Kolattukudy et al.		
MTC	A2	5,196,478	3/23/1993	Varga et al.		
MTC	A3	5,223,488	6/29/1993	Ogata et al.		
MTC	A4	5,232,913	8/03/1993	Ohmori et al.		
MTC	A5	5,274,177	12/28/1993	Ohmori et al.		
MTC	A6	5,352,594	10/94/1994	Poulouse		
MTC	A7	5,389,536	2/14/1995	Gray et al.		
MTC	A8	5,541,162	7/30/1996	Ohmori et al.		
MTC	A9	5,545,621	8/13/1996	Kauvar et al.		
	A10	5,556,942	9/17/1996	Kauvar et al.		
	A11	5,599,903	2/04/1997	Kauvar et al.		
	A12	5,616,563	4/01/1997	Creighton et al.		
	A13	5,646,177	7/08/1997	Koch et al.		
MTC	A14	5,654,176	8/05/1997	Smith		
	A15	5,767,086	6/16/1998	Kauvar et al.		
	A16	5,773,236	6/30/1998	Diwu et al.		
MTC	A17	5,804,604	9/08/1998	Frankel et al.		
	A18	5,880,097	3/09/1999	Lyttle et al.		
	A19	5,908,919	6/01/1999	Kauvar et al.		
	A20	5,955,432	9/21/1999	Kauvar et al.		
	A21	6,013,462	1/11/2000	Kauvar et al.		
	A22	6,030,950	2/29/2000	Ohlenschlager		
	A23	6,066,715	5/23/2000	Desmarais et al.		
	A24	6,184,344 B1	02/06/2001	Kent et al.		
	A25	6,194,550 B1	02/27/2001	Gold et al.		
	A26	6,207,446 B1	03/27/2001	Szostak et al.		
MTC	A27	6,214,553 B1	04/10/2001	Szostak et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
MTC	A28	EP 0 402 226	12/12/1990	EPO			
	A29	WO 91/00357	1/10/1991	WIPO			
	A30	EP 0 645 397 A1	3/29/1995	EPO			
	A31	WO 95/08563	3/30/1995	WIPO			
	A32	WO 95/20601	8/03/1995	WIPO			
MTC	A33	WO 96/22791	8/01/1996	WIPO			

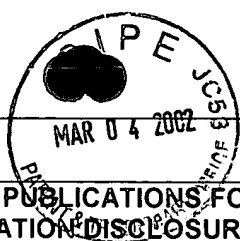
EXAMINER

Mary E. Ceperley

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
MCC	A34	WO 98/14476	4/09/1998	WIPO	
	A35	WO 98/16508	4/23/1998	WIPO	
	A36	WO 98/30575	7/16/1998	WIPO	
	A37	WO 98/30578	7/16/1998	WIPO	
	A38	WO 98/47910	10/29/1998	WIPO	
	A39	WO 99/34839	7/15/1999	WIPO	
MCC	A40	01/04265 A2	01/18/2001	WIPO	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
MCC	A41	Alam, J., et al. "Reporter genes: Application to the study of mammalian gene transcription," <i>Analytical Biochemistry</i> , Vol. 188, 1990, pp. 245-254.
	A42	Alligood, K., et al., "The Formation of a Covalent Complex Between a Dipeptide Ligand and the src SH2 Domain," <i>Bioorg Med Chem Lett</i> . Vol. 8, 1998, pp. 1189-1194.
	A43	Austin, C., et al., "Cellular Migration Patterns in the Developing Mouse Cerebral Cortex," <i>Development</i> , Vol. 110, 1990, pp. 713-732.
	A44	Bamdad, C., "A DNA Self-Assembled Monolayer for the Specific Attachment of Unmodified Double- or Single-Stranded DNA," <i>Biophys Journal</i> , Vol. 75, 1998, pp. 1997-2003.
	A45	Bandmann, N., et al., "Genetic Engineering of the Fusarium Solani Pisi Lipase Cutinase for Enhanced Partitioning in PEG-phosphate Aqueous Two-phase Systems," <i>Journal of Biotechnology</i> , Vol. 79, 2000, pp. 161-172.
	A46	Bechtold, N., and G. Pelletier. 1998. In planta Agrobacterium-mediated transformation of adult Arabidopsis thaliana plants by vacuum infiltration, <i>Methods Mol Biol.</i> , 82:259-266.
	A47	Becker, D.M., et al., "High-efficiency Transformation of Yeast by Electroporation," <i>Methods Enzymology</i> , Vol. 194, 1991, pp. 182-187.
	A48	Beggs, J.D. "Transformation of Yeast by a Replicating Hybrid Plasmid," <i>Nature</i> , Vol. 275, 1978, pp. 104-109.
	A49	Berger, J., et al., "Secreted Placental Alkaline "Phosphatase: A Powerful New Quantitative Indicator of Gene Expression in Eukaryotic Cells," <i>Gene</i> , Vol. 66, 1988, pp. 1-10.
	A50	Berggren, K., et al., "Partitioning of Peptides and Recombinant Protein-Peptide Fusions in Thermoseparating Aqueous Two-phase Systems: Effect of Peptide Primary Structure," <i>Journal of Chromatogr B Biomed Sci Appl.</i> , Vol. 743, 2000, pp. 295-306.
	A51	Berman, H.A., et al., "Fluorescent Phosphonate Label for Serine Hydrolases, Pyrenebutyl Methylphosphonofluoridate: Reaction with Acetylcholinesterase." <i>Biochemistry</i> , Vol. 17, 1978, pp. 1704-1713.
MCC	A52	Blaydes, J.P. ET AL., "The Development and use of Phospho-Specific Antibodies to Study Protein Phosphorylation," <i>Methods Mol Biol</i> . Vol. 99, 2000, pp. 177-189.

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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
MTC	A53	Bodine, D.M., et al., "Survival and Retrovirus Infection of Murine Hematopoietic Stem Cells In Vitro: Effects of 5-FU and Method of Infection," <i>Experimental Hematology</i> , Vol. 19, 1991, pp. 206-212.
✓	A54	Born, Timothy et al., "4-(Fluoromethyl)phenyl Phosphate Acts As a Mechanism-Based Inhibitor of Calcineurin," <i>Jorn. Bio. Chem.</i> , Vol. 270, No. 43, 1995, pp 25651-25655.
✓	A55	Brown, M.T., et al., "Regulation, Substrates and Functions of src," <i>Biochim Biophys Acta.</i> , Vol. 1287, 1996, pp. 121-149.
✓	A56	Capecchi, M.R. "High Efficiency Transformation by Direct Microinjection of DNA Into Cultured Mammalian Cells," <i>Cell</i> , Vol. 22, 1980, pp. 479.
✓	A57	Case, M.E., et al., "Efficient Transformation of <i>Neurospora Crassa</i> by Utilizing Hybrid Plasmid DNA," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 76, October 1996, pp. 5259-5263.
✓	A58	Cepko, C.L., et al., "Construction and Applications of a Highly Transmissible Murine Retrovirus Shuttle Vector," <i>Cell</i> , Vol. 37, July 1984, pp. 1053-1062.
✓	A59	Chalfie, M., et al., "Green Fluorescent Protein as a Marker for Gene Expression," <i>Science</i> , Vol. 263, February 11, 1994, pp. 802-805.
✓	A60	Chaney, W.G., et al., "High-frequency Transfection of CHO Cells Using Polybrene," <i>Somatic Cell and Molecular Genetics</i> , Vol. 12, January 1986, pp. 237-244.
✓	A61	Chapman, R., et al., "Surveying for Surfaces That Resist the Adsorption of Proteins," <i>Journal of American Chem. Society</i> , Vol. 122, 2000, pp. 8303-8304.
✓	A62	Chen, C., et al., "Calcium Phosphate-Mediated Gene Transfer: A Highly Efficient Transfection System for Stably Transforming Cells with Plasmid DNA," <i>BioTechniques</i> , Vol. 6, No. 7, 1988, pp. 632-638.
✓	A63	Chen, C.S., et al., "Geometric Control of Cell Life and Death," <i>Science</i> , Vol. 276, 1997, pp. 1425-1428.
✓	A64	Chmura, Albert et al., "Antibodies with Infinite Affinity," <i>PNAS</i> , Vol. 98, No. 15, 2001, pp. 8480-8484.
✓	A65	Cohen, S.N., et al., "Nonchromosomal Antibiotic Resistance in Bacteria: Genetic Transformation of <i>Escherichia coli</i> by R-Factor DNA," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 69, No. 8, August 1972, pp. 2110-2114.
✓	A66	de Louvencourt, L., et al., "Transformation of <i>Kluyveromyces lactis</i> by Killer Plasmid DNA," <i>Journal of Bacteriology</i> , Vol. 154, No. 2, May 1983, pp. 737-742.
✓	A67	Deussen, H.J., et al., "Design and Synthesis of Triglyceride Analogue Biotinylated Suicide Inhibitors for Directed Molecular Evolution of Lipolytic Enzymes," <i>Bioorg Med Chem Lett.</i> , Vol. 10, 2000, pp. 2027-2031
✓	A68	Deussen, H.J., et al., "A Novel Biotinylated Suicide Inhibitor for Directed Molecular Evolution of lipolytic Enzymes," <i>Bioorg Med Chem.</i> , Vol. 8, 2000, pp. 507-513.
✓	A69	de Wet, J.R., et al., "Firefly Luciferase Gene: Structure and Expression in Mammalian Cells," <i>Molecular Cellular Biology</i> , Vol. 7, February 1987, pp. 725-737.

EXAMINER Mary E. Caperley	DATE CONSIDERED 05/23/03
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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
MRC	A70	Elroy-Stein, O., et al., "Cytoplasmic Expression System Based on Constitutive Synthesis of Bacteriophage T7 RNA Polymerase in Mammalian Cells," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 87, No. 17, September 1990, pp. 6743-6747.
✓	A71	Escudero, J., et al., "Transfer and Integration of T-DNA without Cell Injury in the Host Plant," <i>Plant Cell</i> , Vol. 9, December 1997, pp. 2135-2142.
✓	A72	Fekete, D.M., et al., "Retroviral Infection Coupled with Tissue Transplantation Limits Gene Transfer in the Chicken Embryo," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 90, No. 6, March 15, 1993, pp. 2350-2354.
✓	A73	Felgner, P.L., et al., "Lipofectin: A Highly Efficient, Lipid-Mediated DNA-transfection Procedure," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 84, No. 21, November 1, 1987, pp. 7413-7417.
✓	A74	Fieck, A., et al., "Modifications of the E.coli Lac Repressor for Expression in Eukaryotic Cells: Effects of Nuclear Signal Sequences on Protein Activity and Nuclear Accumulation," <i>Nucleic Acids Research</i> , Vol. 20, No. 7, 1992, pp. 1785-1791.
✓	A75	Finer, J.J., et al., "Particle Bombardment Mediated Transformation," <i>Current Topics in Microbiology and Immunology</i> , Vol. 240, 1999, pp. 59-80.
✓	A76	Fleer, R., et al., "Stable Multicopy Vectors for High-level Secretion of Recombinant Human Serum Albumin by Kluyveromyces Yeasts," <i>Biotechnology (N Y)</i> , Vol. 9, 1991, pp. 968-975.
✓	A77	Fromm, M., et al., "Expression of Genes Transferred Into Monocot and Dicot Plant Cells by Electroporation," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 82, No. 17, September 1, 1985, pp. 5824-5828.
✓	A78	Fujita, T., et al., "Regulation of Human Interleukin-2 Gene: Functional DNA Sequences in the 5' Flanking Region for the Gene Expression in Activated T Lymphocytes," <i>Cell</i> , Vol. 46, August 1, 1986, pp. 401-407.
✓	A79	Gietz, R.D., et al., "Growth and Transformation of <i>Saccharomyces cerevisiae</i> ," In <i>Cells: A Laboratory manual</i> . Vol. 1,
✓	A80	Gorman, C.M., et al., "Recombinant Genomes Which Express Chloramphenicol Acetyltransferase in Mammalian Cells," <i>Molecular and Cellular Biology</i> , Vol. 2, No. 9, September 1982, pp. 1044-1051.
✓	A81	Graham, F.L., et al., "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA," <i>Virology</i> , Vol. 52, 1973, pp. 456-467.
✓	A82	Hanahan, D., "Studies on Transformation of <i>Escherichia coli</i> with Plasmids," <i>Journal of Molecular Biology</i> , Vol. 166, 1983, pp. 557-580.
✓	A83	Hansen, G., et al., "Lessons in Gene Transfer to Plants by a Gifted Microbe," <i>Current Topics in Microbiology and Immunology</i> , Vol. 240, 1999, pp. 1-57.
✓	A84	Hansen, G., et al., "Recent Advances in the Transformation of Plants," <i>Trends Plant Science</i> , Vol. 4, No. 6, 1999, pp. 226-231.
✓	A85	Hickman, James et al., "Molecular Self-Assembly of Two-Terminal, Voltammetric Microsensors with Internal References," <i>Science</i> , Vol. 252, pp 688-691
✓	A86	Hinnen, A., et al., "Transformation of Yeast," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 75, No. 4, April 1978, pp. 1929-1933.
MRC		
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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
MZC	A87	Hodneland, C., et al., "Biomolecular Surfaces that Release Ligands Under Electrochemical Control," <i>Journal of American Chem. Soc.</i> Vol. 122, 2000, pp. 4235-4236.
	A88	Hoffman, F. "Laser Microbeams for the Manipulation of Plant Cells and Subcellular Structures," <i>Plant Science</i> , Vol. 113, 1996, pp. 1-11.
	A89	Houseman, B.T., et al., "The Microenvironment of Immobilized Arg-Gly-Asp Peptides is an Important Determinant of Cell Adhesion," <i>Biomaterials</i> , Vol. 22, 2001, pp. 943-955.
	A90	Hunter, T. "The Croonian Lecture 1997. The phosphorylation of Proteins on Tyrosine: Its Role in Cell Growth and Disease," <i>Philos Trans R Soc Lond B Biol Sci.</i> , Vol. 353, 1998, pp. 583-605.
	A91	Ishiura, M., et al., "Phage Particle-Mediated Gene Transfer to Cultured Mammalian Cells," <i>Molecular and Cellular Biology</i> , Vol. 2, No. 6, June 1982, pp. 607-616.
	A92	Ito, H., et al., "Transformation of Intact Yeast Cells Treated with Alkali Cations," <i>Journal of Bacteriology</i> , Vol. 153, No. 1, January 1983, pp. 163-168.
	A93	Ito, Yoshihiro et al., "Patterned Immobilization of Thermoresponsive Polymer", <i>Langmuir</i> , Vol. 13, 1997, pp 2756-2759.
	A94	Kaufman, R.J., et al., "Selection and Amplification of Heterologous Genes Encoding Adenosine Deaminase in Mammalian Cells," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 83, No. 10, May 15, 1986, pp. 3136-3140.
	A95	Kawai, S., et al., "New Procedure for DNA Transfection with Polycation and Dimethyl Sulfoxide," <i>Molecular and Cellular Biology</i> , Vol. 4, No. 6, June 1984, pp. 1172-1174.
	A96	Kelly, J.M., et al., "Transformation of <i>Aspergillus niger</i> by the amdS gene of <i>Aspergillus nidulans</i> ," <i>Embo Journal</i> , Vol. 4, 1985, pp. 475-479.
	A97	Kim, Kyeong K. et al., "Crystal Structure of Carboxylesterase From <i>Pseudomonas Fluorescens</i> , an α/β Hydrolase With Broad Substrate Specificity", <i>Structure</i> , Vo 5, 1997, pp. 1571-1584.
	A98	Kim, Y.S., et al., "Cloning of <i>Pseudomonas Fluorescens</i> Carboxylesterase Gene and Characterization of its Product Expressed in <i>Escherichia coli</i> ," <i>Biosci Biotechnol Biochem.</i> , Vol. 58, 1994, pp. 111-116.
	A99	Kitz, R., et al., "Esters of Methanesulfonic Acid as Irreversible Inhibitors of Acetylcholinesterase", <i>J. Biol. Chem.</i> , Vol. 237, 1962, pp. 3245.
	A100	Leduc, N., et al., "Isolated Maize Zygotes Mimic <i>In Vivo</i> Embryogenic Development and Express Microinjected Genes When Cultured <i>In Vitro</i> ," <i>Dev. Biol.</i> Vol. 10, 1996, pp. 190-203.
	A101	Lemischka, I.R., et al., "Developmental Potential and Dynamic Behavior of Hematopoietic Stem Cells," <i>Cell</i> , 45, June 20, 1986, pp. 917-927.
	A102	Littlefield, J.W. "Selection of Hybrids from Matings of Fibroblasts <i>In Vitro</i> and Their Presumed Recombinants," <i>Science</i> , Vol. 145, No. 3633, August 14, 1964, pp. 709-710.
MZC	A103	Longhi, S., et al., "Structure-activity of Cutinase, a Small Lipolytic Enzyme," <i>Biochim Biophys Acta.</i> , Vol. 1441, 1999, pp. 185-196.

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MEC	A104	Lopata, M.A., et al., "High-level Transient Expression of a Chloramphenicol Acetyl Transferase Gene by DEAE dextran-mediated DNA Transfection Coupled with a Dimethyl Sulfoxide or Glycerol Shock Treatment," <i>Nucleic Acids Research</i> , Vol. 12, No. 14, 1984, pp. 5707-5717.
✓	A105	Luk, Y.-Y., et al., "Self-Assembled Monolayers of Alkanethiolates Presenting Mannitol Groups are Inert to Protein Adsorption and Cell Attachment," <i>Langmuir</i> , Vol. 16, 2000, pp. 9604-9608.
✓	A106	Mandel, M., et al., "Calcium-Dependent Bacteriophage DNA Infection," <i>Journal of Molecular Biology</i> , Vol. 53, 1970, pp. 159-162.
✓	A107	Martinez, C., et al., "Fusarium Solani Cutinase is a Lipolytic Enzyme with a Catalytic Serine Accessible to Solvent," <i>Nature</i> , Vol. 356, 1992, pp. 615-618.
✓	A108	Martinez, C., et al., "Cutinase, a Lipolytic Enzyme with a Preformed Oxyanion Hole," <i>Biochemistry</i> , Vol. 33, 1994, pp. 83-89.
✓	A109	Miller, A.D., et al., "Redesign of Retrovirus Packaging Cell Lines to Avoid Recombination Leading to Helper Virus Production," <i>Molecular and Cellular Biology</i> , Vol. 6, No. 8, August 1986, pp. 2895-2902.
✓	A110	Miller, L.K. "Baculoviruses as Gene Expression Vectors," <i>Annu. Rev. Microbiol.</i> , Vol. 42, 1988, pp. 177-199.
✓	A111	Mrksich, M. "A Surface Chemistry Approach to Studying Cell Adhesion," <i>Chem. Soc. Rev.</i> , Vol. 29, 2000, pp. 267-273.
✓	A112	Mrksich, M., et al. "Using Microcontact Printing to Pattern the Attachment of Mammalian Cells to Self-Assembled Monolayers of Alkanethiolates on Transparent Films of Gold and Silver," <i>Exp Cell Res.</i> , Vol. 235, 1997, pp. 305-313.
✓	A113	Mrksich, M., and G. Whitesides, "Patterning Self-Assembled Monolayers Using Microcontact Printing: a New Technology for Biosensors", <i>TIBTECH</i> , 1995, Vol. 13, pp. 228-235.
✓	A114	Mrksich, M., and G. Whitesides, "Using Self-Assembled Monolayers That Present Olio (ethylene glycol) Groups To Control the Interactions of Proteins with Surfaces", <i>American Chemical Society</i> , 1997, pp. 361-373.
✓	A115	Myers, Jason K. et al., "Mechanism-Based Inactivation of Prostatic Scid Phosphatase", <i>Science</i> , Vol. 262, 1993, pp. 1451-1453.
✓	A116	Myers, Jason et al., "Motifs for Metallophosphatase Inhibition," <i>J. Am. Chem. Soc.</i> , Vol. 119, 1997, pp. 3163-3164.
✓	A117	Myers, Jason K., "Substituent Effects on the Mechanism-Based Inactivation of Prostatic Acid Phosphatase", <i>J. Med. Chem.</i> , Vol. 117, 1995, pp. 11049-11054.
✓	A118	Neumann, E., et al., "Gene Transfer Into Mouse Lyoma Cells by Electroporation in High Electric Fields," <i>EMBO Journal</i> , Vol. 1, No. 7, 1982, pp. 841-845
✓	A119	Okabayashi, Y., et al. "Interaction of Shc with Adaptor Protein Adaptins," <i>J Biol Chem.</i> , Vol. 271, 1996, pp. 5265-5269.
✓	A120	Ou-Lee, T.M., "Expression of a Foreign Gene Linked to Either a Plant-Virus or a Drosophila Promoter, After Electroporation of Protoplasts of Rice, Wheat and Sorghum," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 83, No. 18, September 15, 1986, pp. 6815-6819.

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✓ MEC	A121	Pacofsky, Gregory J., "Potent Dipeptide Inhibitors of the pp60c-src SH2 Domain", <i>J. Med. Chem.</i> , Vol. 41, 1998, pp. 1894-1908.
✓	A122	Palmer, T.D., et al., "Efficient Retrovirus-Mediated Ttransfer and Expression of a Human Adenosine Deaminase Gene in Diploid Skin Fibroblasts from an Adenosine Deaminase-Deficient Human," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 84, No. 4, February 15, 1987, pp. 1055-1059.
✓	A123	Pear, W. S., et al., "Production of High-H-free Retroviruses by Transient Transfection," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 90, No. 18, September 15, 1993, pp. 8392-8396.
✓	A124	Potter, H. "Electroporation in Biology: Methods, Applications, and Instrumentation," <i>Analytical Biochemistry</i> , Vol. 174, 1988, pp. 361-373.
✓	A125	Potter, H., et al., "Enhancer-Dependent Expression of Human Kappa Immunoglobulin Genes Introduced into Mouse Pre-B Lymphocytes by Electroporation," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 81, 1984, pp. 7161-7165.
✓	A126	Rassoulzadegan, M., et al., "High Frequency of Gene Transfer After Fusion Between Bacteria and Eukaryotic Cells," <i>Nature</i> , Vol. 295, January 21, 1982, pp. 257-259.
✓	A127	Rhodes, J.K., et al., "Genetically Transformed Maize Plants from Protoplasts," <i>Science</i> , Vol. 240, 1988, pp. 204-207.
✓	A128	Roberts, C., et al., "Using Mixed Self-Assembled Monolayers Presenting RGD and (EG)3OH Groups To Characterize Long-Term Attachment of Bovine Capillary Endothelial Cells to Surfaces," <i>J Am Chem Soc.</i> , Vol. 120 1998, pp. 6548-6555.
✓	A129	Rose, J.K., et al., "A New Cationic Liposome Reagent Mediating Nearly Quantitative Transfection of Animal Cells," <i>BioTechniques</i> , Vol.10, 1991, pp. 520-525.
✓	A130	Sandri-Goldin, R.M., et al., "High-frequency Transfer of Cloned Herpes Simplex Virus Type I Sequences to Mammalian Cells by Protoplast Fusion," <i>Molecular Cellular Biology</i> , Vol. 1, No. 8, August 1981, pp. 743-752.
✓	A131	Saunders, J.A., et al., "Plant Gene Transfer Using Electrofusion and Electroporation," In <i>Electroporation and Electrofusion in Cell Biology</i> . E. Neumann, A.E. Sowers, and C.A. Jordan, editors. Plenum Press, New York. 1989, pp. 343-354.
✓	A132	Sawyer, T.K., "Src Homology-2 Domains: Structure, Mechanisms, and Drug Discovery," <i>Biopolymers</i> , Vol. 47, 1998, pp. 243-261.
✓	A133	Schaffner, W., "Direct Transfer of Cloned Genes from Bacteria to Mammalian Cells," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 77, No. 4, April 1980, pp. 2163-2167.
✓	A134	Scheidt, K.A., et al., "Structure-Based Design, Synthesis and Evaluation of Conformationally Constrained Cysteine Protease Inhibitors," <i>Bioorg Med Chem.</i> , Vol. 6, 1998, 2477-2494.
✓	A135	Selden, R.F., et al., "Human Growth Hormone as a Reporter Gene in Regulation Studies Employing Transient Gene Expression," <i>Molecular and Cellular Biology</i> , Vol. 6, No. 9, September 1986, pp. 3173-3179.
MEC	A136	Shigekawa, K., et al., "Electroporation of Eukaryotes and Prokaryotes: A General Approach to the Introduction of Macromolecules into Cells," <i>BioTechniques</i> , Vol. 6, No. 8, 1988, pp. 742-751.

EXAMINER Mary E. Gierke	DATE CONSIDERED 05/23/03
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	SERIAL NO. 09/923,760	CASE NO. 7814/45
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE August 7, 2001	GROUP ART UNIT 4645 164
(use several sheets if necessary)		APPLICANT(S): Milan Mrksich et al.

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
MFC	A137	Shillito, R. "Methods of genetic Transformations: Electroporation and Polyethylene Glycol Treatment," In <i>Molecular Improvement of Cereal Crop</i> . I. Vasil, editor. Kluwer, Dordrecht, The Netherlands, 1999, pp. 9-20.
	A138	Simonsen, C.C., et al., "Isolation and Expression of an Altered Mouse Dihydrofolate Reductase cDNA," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Vol. 80, No. 9, May 1, 1983, pp. 2495-2499.
	A139	Smith, D.B., et al., "Single-step Purification of Polypeptides Expressed in <i>Escherichia coli</i> as Fusions with γ -Glutathione S-transferase," <i>Gene</i> , Vol. 67, 1988, pp. 31-40.
	A140	Southern, P.J., et al., "Transformation of Mammalian Cells to Antibiotic Resistance with a Bacterial Gene Under Control of the SV40 Early Region Promoter," <i>Journal of Molecular and Applied Genetics</i> , Vol. 1, 1982, pp. 327-341.
	A141	Sreekrishna, K., et al., "High Level Expression of Heterologous Proteins in Methylophilic Yeast <i>Pichia pastoris</i> ," <i>Journal of Basic Microbiology</i> , Vol. 28, 1988, pp. 265-278.
	A142	Stowell, J., T. et al., "Mechanism-Based Inactivation of Ribonuclease A," <i>Journal of Organic Chemistry</i> , Vol. 60, 1995, pp. 6930-6936.
	A143	Thomas, S.M., et al., "Cellular Functions Regulated by Src Family Kinases," <i>Annual Review Cell Dev Biol.</i> , Vol. 13, 1997, pp. 513-609.
	A144	Thompson, J.A., et al., "Maize Transformation Utilizing Silicon Carbide Whiskers: A Review," <i>Euphytica</i> , Vol. 85, 1995, pp. 75-80.
	A145	Tilburn, J., et al., "Transformation by Integration in <i>Aspergillus nidulans</i> ," <i>Gene</i> , 26, 1983, pp. 205-221.
	A146	Touraev, A., et al., "Plant Male Germ Line Transformation," <i>Plant Journal</i> , Vol. 12, No. 4, 1997, pp. 949-956.
	A147	Turner, D.L., et al., "Lineage-Independent Determination of Cell Type in the Embryonic Mouse Retina," <i>Neuron</i> , Vol. 4, June 1990, pp. 833-845.
	A148	van Ommen, B., et al., "Irreversible Inhibition of Rat Glutathione S-transferase 1-1 by Quinones and Their Glutathione Conjugates. Structure-activity Relationship and Mechanism." <i>Biochem J.</i> , Vol. 276, 1991, pp. 661-666.
	A149	van Ommen, B., et al., "Studies on the Active Site of Rat Glutathione S-transferase Isoenzyme 4-4. Chemical Modification by Tetrachloro-1,4-Benzoquinone and its Glutathione Conjugate," <i>Eur J Biochem.</i> , Vol. 181, 1989, pp. 423-429.
	A150	Violette, S.M., et al. "A Src SH2 Selective Binding Compound Inhibits Osteoclast-Mediated Resorption," <i>Chem Biol.</i> , Vol. 7, 2000, pp. 225-235.
	A151	White, D., et al., "Preparation of Site-specific Antibodies to Acetylated Histones," <i>Methods</i> , Vol. 19, 1999, pp. 417-424.
	A152	Wigler, M., et al., "Biochemical Transfer of Single-Copy Eucaryotic Genes Using Total Cellular DNA as Donor," <i>Cell</i> , Vol. 14, July 1978, pp. 725-731.
	A153	Williams, D.A., et al., "Introduction of New Genetic Material into Pluripotent Haematopoietic Stem Cells of the Mouse," <i>Nature</i> , Vol. 310, August 1984, pp. 476-480.
MFC	A154	Wong, T.K., et al., "Electric Field Mediated Gene Transfer," <i>Biochemical and Biophysical Research Communications</i> , Vol. 107, No. 2, July 30, 1982, pp. 584-587.

EXAMINER M. E. Cooper	DATE CONSIDERED 05/23/03
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FORM PTO-1449	SERIAL NO. 09/923,760	CASE NO. 7814/164
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE August 7, 2001	GROUP ART UNIT 164
APPLICANT(S): Milan Mrksich et al.		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
✓ <i>mzc</i>	A155	Wu, S.Y., et al., "Ethyl Octylphosphonofluoridate and Analogs: Optimized Inhibitors of Neuropathy Target Esterase," <i>Chem Res Toxicol.</i> , Vol. 8, 1995, pp. 1070-1075.
✓	A156	Wyborski, D.L., et al., "Parameters Affecting the Use of the Lac Repressor System in Eukaryotic Cells and Transgenic Animals," <i>Environmental and Molecular Mutagenesis</i> , Vol. 28, 1996, pp. 447-458.
✓	A157	Wyborski, D.L., et al., "Analysis of Inducers of the E.coli Lac Repressor System in Mammalian Cells and Whole Animals," <i>Nucleic Acids Res</i> , Vol. 19, 1991, pp. 4647-4653.
✓	A158	Yelton, M.M., J.E. Hamer, and W.E. Timberlake. 1984. Transformation of <i>Aspergillus nidulans</i> by using a <i>trpC</i> plasmid. <i>Proc Natl Acad Sci U S A</i> . 81:1470-4.
✓	A159	Yousaf, Muhammad, et al., "Diels-Alder reaction for the Selective Immobilization of Protein to Electroactive Self-Assembled Monolayers," <i>J. Am. Chem. Soc.</i> , Vol. 121, 1999, pp. 4286-4387.
✓	A160	Yousaf, M., et al., "Turning on Cell Migration with Electroactive Substrates," <i>Angew. Chem. Int. Ed.</i> , Vol. 40, 2001, pp. 1093-1096.
✓ <i>mzc</i>	A161	Zhou, G., et al. "Introduction of Exogenous DNA Into Cotton Embryos," <i>Methods In Enzymology</i> , Vol. 101, 1983, pp. 433-481.

EXAMINER <i>Mary E. Gentry</i>	DATE CONSIDERED <i>05/23/03</i>
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FORM PTO-1449	SERIAL NO. 09/923,760	CASE NO. 7814/45
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE August 7, 2001	GROUP ART UNIT 1641
(use several sheets if necessary)	APPLICANT(S): Milan Mrksich et al.	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO	
MEC	B3	WO 99/51773	10/14/1999	PCT			

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EXAMINER <i>Mary E. Ceperley</i>	DATE CONSIDERED <i>05/23/02</i>
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